



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	Tommy F. BROOKEY	§	GROUP ART UNIT:
SERIAL NO.:	09/855,932	§	Not Yet Known
FILED:	May 15, 2001	§	EXAMINER:
FOR:	Aphron-Containing Well Drilling	§	Not Yet Known
	And Servicing Fluids	§	

RECEIVED  
JUN 26 2001  
TC 1700  
E.R.G.  
10/14/01  
#2

INFORMATION DISCLOSURE STATEMENT

Atty. Dkt. No.: 1894-00733

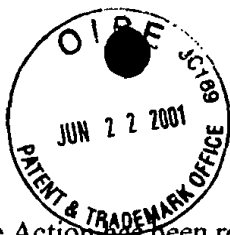
Date: June 15, 2001

Commissioner for Patents  
Washington, D.C. 20231

Sir:

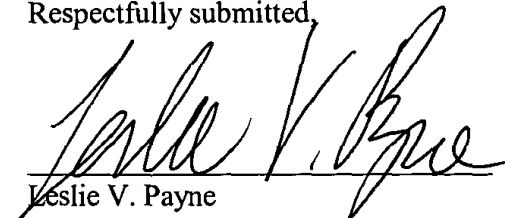
This Information Disclosure Statement comprises a list of art of which Applicant is aware. This Information Disclosure Statement cites the same art as submitted in the parent application Serial No. 09/320,375. A copy of each publication listed on the PTO-1449 Forms is enclosed herewith.

The submission of this Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicant hereby reserves the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicant's invention under 35 U.S.C. § 102 or § 103.



No Office Action has been received in the present application. Nonetheless, in the event that an Office Action dated prior to the mailing date of this Information Disclosure Statement has been issued, please charge Deposit Account 03-2769, Conley, Rose & Tayon, P.C., in the amount of \$180, so that this Information Disclosure Statement may be considered under Rule 1.97(c).

Respectfully submitted,



Leslie V. Payne

Reg. No. 36,962

Conley, Rose & Tayon, P.C.

P. O. Box 3267

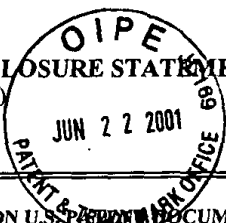
Houston, Texas 77253-3267

(713) 238-8000

ATTORNEY FOR APPLICANT

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Atty. Docket No.  
1894-00733Serial No.  
09/855932Applicant  
**Tommy F. BROOKEY**Filing Date  
May 15, 2001Group  
Not Yet Known

## **REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	3,229,777	01/18/66	Rogers et al.	175	71	03/22/1961
	AB	3,243,000	03/29/66	Patton et al.	175	65	06/23/1965
	AC	3,246,696	04/19/66	Fox, Jr.	166	46	10/25/1963
	AD	3,269,468	08/30/66	Phansalkar et al.	175	71	07/20/1962
	AE	3,313,362	04/11/67	Schneider	175	71	02/03/1965
	AF	3,334,052	08/01/67	Kurz	252	316	04/30/1963
	AG	3,393,738	07/23/68	Bernard et al.	166	29	01/30/1967
	AH	3,610,340	10/05/71	Hutchinson et al.	166	311	07/07/1969
	AI	3,754,561	08/28/73	Sharman et al.	137	13	02/04/1972
	AJ	3,819,519	06/25/74	Sharman et a.	252	8.5 C	06/08/1972
	AK	4,008,766	02/22/77	Savins	252	8.5 A	03/01/1976
	AL	4,013,568	03/22/77	Fischer et al.	252	8.5 C	12/11/1975
	AM	4,036,764	07/19/77	Fischer et al.	639,	8.5 C	10/14/1975
	AN	4,088,583	05/09/78	Pyle et al.	252	8.5 C	12/02/1976
	AO	4,092,252	05/30/78	Fischer et al.	252	8.5 A	05/04/1976
	AP	4,155,410	05/22/79	Jackson, deceased et al	919	142	06/26/1978

## **FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation YES NO

## **OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Article entitled "Underbalanced Drilling Manual," Published by Gas Research Institute, GRI Ref. No. GRI-97/0236.
	Article entitled "Treatability of Water-based Drilling Fluids Using Colloidal Gas Aphrons," D. Roy, K.T. Valsaraj, and V.J. Amedee, Departments of Civil Engineering and Chemical Engineering, Louisiana State University, Baton Rouge, LA.
	SPE 39589 "Microbubbles: New Aphron Drill-in Fluid Technique Reduces Formation Damage in Horizontal Wells," Tom Brookey, SPE, ActiSystems, Inc.
	Article entitled "Drill-in Fluids Improve High-angle Well Production," Petroleum Engineer Intn'l.
	Article entitled "Microbubbles: Generation and Interaction With Colloid Particles," J.B. Melville and E. Matijevic, Institute of Colloid and Surface Science and Department of Chemistry, Clarkson College of Technology, Potsdam, New York.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

RECEIVED  
JUN 26 2001  
Sheet 2 of 4

OIP  
JUN 27 2001  
PATENT OFFICE

Form PTO-1449 (Modified)

Atty. Docket No.  
1894-00733

Serial No.  
09/855,932

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
(Use several sheets if necessary)

Applicant  
**Tommy F. BROOKEY**

Filing Date  
May 15, 2001

Group  
Not Yet Known

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AQ	4,162,970	07/31/79	Zlokarnik	210	15	07/25/77
	AR	4,217,231	08/12/80	King	252	8.55 R	08/14/1978
	AS	4,247,405	01/27/81	Wier	252	8.55 D	06/30/1978
	AT	4,387,032	06/07/83	Chiesa, Jr.	252	3	12/08/1980
	AU	4,391,339	07/05/83	Johnson, Jr. et al.	175	393	12/01/1980
	AV	4,432,881	02/21/84	Evani	252	8.5 A	02/06/1981
	AX	4,442,018	04/10/84	Rand	252	307	11/01/1982
	AY	4,486,333	12/04/84	Sebba	252	307	03/23/1982
	AZ	4,565,647	01/21/86	Llenado	252	354	07/12/1982
	BA	4,684,479	08/04/87	D'Arrigo	252	307	08/14/1985
	BB	4,717,515	01/05/88	Forsyth et al.	261	122	09/18/1986
	BC	4,743,383	05/10/88	Stewart et al.	252	8.51	11/24/1986
	BD	4,964,465	10/23/90	Surles	166	295	11/06/1989
	BE	5,024,276	06/18/91	Borchardt	166	308	11/28/89
	BF	5,030,366	07/09/91	Wilson et al.	252	8.551	11/27/1989
	BG	5,086,974	02/11/92	Henshaw	239	590	12/18/1990

**FOBIREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation YES NO

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Article entitled "Separation of Organic Dyes From Wastewater by Using Colloidal Gas Aphrons," D. Roy, K.T. Valsarj, and S.A. Kottai, Marcel Dekker, Inc., 1992.
	Article entitled "Hidraulica Forajului," also an English Translation of pp. 444-455.
	H1000, Patel et al, Filed August 16, 1990, Published December 3, 1991.
	H837, Peiffer et al, Filed July 5, 1989, Published November 6, 1990.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Sheet 3 of 4

JUN 26 2001

Form PTO-1449 (Modified)

Atty. Docket No.  
1894-00733Serial No.  
09/855,932**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Applicant  
**Tommy F. BROOKEY**Filing Date  
May 15, 2001Group  
Not Yet Known**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	BH	5,105,884	04/21/92	Sydansk	166	270	08/10/1990
	BI	5,129,457	07/14/92	Sydansk	166	274	03/11/1991
	BJ	5,134,118	07/28/92	Patel et al.	507	121	02/22/1991
	BK	5,175,278	12/29/92	Piek et al.	536	123	09/04/1990
	BL	5,296,164	03/22/94	Thach et al.	252	307	07/02/1992
	BM	5,310,002	05/10/94	Blauch et al.	166	307	04/17/1992
	BN	5,314,644	05/24/94	Michelsen et al.	261	84	10/19/1992
	BO	5,352,436	10/04/94	Wheatley et al.	424	9	11/22/1993
	BP	5,372,462	12/13/94	Sydansk	405	264	11/01/1993
	BQ	5,397,001	03/14/95	Yoon et al.	209	170	11/30/1992
	BR	5,495,891	03/05/96	Sydansk	166	295	11/08/94
	BT	5,529,122	06/25/96	Thach	166	281	12/15/1994
	BU	5,565,416	10/15/96	Wu	507	103	01/10/1994
	BV	5,566,760	10/22/96	Harris	166	308	09/02/1994
	BW	5,567,741	10/11/96	Casey et al.	521	133	06/03/1993

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation YES NO

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449 (Modified)

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
 (Use several sheets if necessary)

 Atty. Docket No.  
**1894-00733**

 Serial No.  
**09/855,932**

 Applicant  
**Tommy F. BROOKEY**

 Filing Date  
**May 15, 2001**

 Group  
**Not Yet Known**
**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	BX	5,639,443	06/07/97	Schutt et al	424	9.52	03/16/1995
	BY	5,654,260	08/05/97	Wu	507	264	06/02/1995
	BZ	7,706,895	01/13/98	Sydansk	166	294	12/07/1995
	CA	5,281,203	10/13/98	Williamson	507	102	08/04/1995
	CB	5,858,928	01/12/99	Aubert et al.	507	128	11/22/1995
	CD	5,916,849	06/29/99	House	507	110	07/24/1998
	CE	5,977,030	11/02/99	House	507	110	01/11/1999
	CF	6,127,319	10/03/00	House	507	110	10/29/1999
	CG	6,148,917	11/21/00	Brookey et al.	166	301	02/09/1999
	CH	6,156,708	12/05/00	Brookey et al.	507	102	12/05/2000
	CI						
	CJ						
	CK						
	CL						
	CM						
	CN						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation YES NO

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.